

Title (en)
REFLECTIVE POLARIZER AND DISPLAY DEVICE HAVING THE SAME

Title (de)
REFLEKTIERENDER POLARISIERER UND ANZEIGEEINRICHTUNG DAMIT

Title (fr)
POLARISEUR REFLECHISSANT ET DISPOSITIF D'AFFICHAGE COMPRENANT CE DERNIER

Publication
EP 1889118 A1 20080220 (EN)

Application
EP 06771822 A 20060601

Priority

- US 2006021255 W 20060601
- US 68721305 P 20050603
- US 38367206 A 20060516

Abstract (en)
[origin: WO2006132912A1] A reflective polarizer (7) suitable for use in a display device (5) is disclosed herein. The reflective polarizer (7) comprises: a multilayer optical film (1) comprising alternating layers of first (1a) and second (1b) polymeric layers that reflects light of a first polarization state and transmits light of a second polarization state, wherein for normally incident light of the second polarization state, the reflective polarizer (7) has an internal percent transmission of at least 95% at 410 nm, and at most 25% at 380 nm. Also disclosed herein is a display device (5) comprising the reflective polarizer (7)

IPC 8 full level
G02F 1/1335 (2006.01); **G02B 5/30** (2006.01)

CPC (source: EP KR US)
G02B 5/30 (2013.01 - KR); **G02B 5/305** (2013.01 - EP US); **G02F 1/1335** (2013.01 - KR); **G02F 1/133536** (2013.01 - EP US); **G02F 1/133545** (2021.01 - EP US)

Citation (search report)
See references of WO 2006132912A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006132912 A1 20061214; CN 100594406 C 20100317; CN 101189545 A 20080528; EP 1889118 A1 20080220; JP 2008546026 A 20081218; JP 2012215903 A 20121108; JP 2014178697 A 20140925; KR 20080024471 A 20080318; TW 200702758 A 20070116; US 2007014009 A1 20070118; US 2009262422 A1 20091022; US 7557989 B2 20090707; US 7724434 B2 20100525

DOCDB simple family (application)
US 2006021255 W 20060601; CN 200680019747 A 20060601; EP 06771822 A 20060601; JP 2008514845 A 20060601; JP 2012157723 A 20120713; JP 2014085611 A 20140417; KR 20077028159 A 20071203; TW 95119691 A 20060602; US 38367206 A 20060516; US 49643409 A 20090701